

Appl No.: 10/505,303
Reply to Office Action of: 03/21/2006

Amendments to the Specification:

Please delete the paragraph(s) starting on page 3, lines 16-25 and replace with the following replacement paragraph:

An object of the invention therefore is a connector comprising ports to receive optical ferrules and to correspond to single-mode to multi-mode conversions ~~and vice versa~~, comprising an input optical port and an output optical port, characterized in that it comprises a set of two lenses each with a flat face, interposed between the two optical ports and placed against a plate made of transparent material to enable an adaptation of transmission of the light rays in space and in energy density, the two lenses having respective diameters and radii of curvature that are different to form a fanning out of the beam of light rays, from narrow to wide ~~or in the other direction~~, from one optical port to the other.

Please delete the paragraph(s) starting on page 6, line 30 through page 7, line 1 and replace with the following replacement paragraph:

~~Naturally, the input fiber is not necessarily a single mode fiber. It could also be a multimode fiber. Furthermore, the system also works in the other direction (without changing the values of the radii of curvature or the diameters or the adaptation space) to transmit light rays coming from a multimode fiber 9 to a single mode fiber 5, or to another multimode fiber. Similarly, one of these fibers may be replaced by an optoelectronic device, especially an optoelectronic integrated circuit for transmission or reception.~~